TABLE NO. [ ]

MULTIMEDIA UNIVERSITY

STUDENT ID NO. [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2018/2019

TIS 3251– INFORMATION SYSTEMS PLANNING AND DEVELOPMENT

(All Sections / Groups)

9 MARCH 2019
2.30 p.m. – 4.30 p.m.
(2 Hours)

Question	Marks
Total (50%)	

INSTRUCTION TO STUDENT

1. This Question paper consists of **NINE** pages with **SIX** questions only.
2. Answer any **FIVE** out of the **SIX** questions.
3. If you answer all questions, **ONLY** the FIRST five questions will be marked.
4. Each question carries **10 marks** and the maximum marks allotted are **50 marks.**
5. Please print all your answers **clearly** and **neatly** in the specified **ANSWER BOX** provided for each question.

Question No. 1

a. Discuss how information systems architecture are linked to the business objectives of an organization.

(4 marks)

b. What is a model? What is the purpose of using a model?

(3 marks)

Continued.....

c. What specific objectives do organizations hope to accomplish through the use of transaction processing systems (TPS)? List three of them.

(3 marks)

Question No. 2

a. What is a human resource management information system (MIS)? What are its output?

(4 marks)

Continued.....

b. What is the difference in roles played by an internal auditing group and an external auditing group?

(3 marks)

c. Identify three approaches for developing an expert system.

(3 marks)

Continued.....

Question No. 3

a. Differentiate between a two-tier client/server system and a three-tier client/server system. Differentiate between a fat client and a thin client. Why would a firm choose one of these approaches over the other when implementing a client/server system? You can use MMU's system in your discussion.

(4 marks)

b. What is an intranet? Why would an intranet be implemented?

(3 marks)

Continued.....

c. What are the typical reasons to initiate systems development?

(3 marks)

Question No. 4

a. What is the purpose of systems design?

(3 marks)

Continued.....

b. Identify some of the advantages and disadvantages of purchasing versus leasing hardware. You can use your group's project assignment as example for this discussion.

(3 marks)

c. Some information system (IS) specialists contend that end prototypes are usually poor technical solutions. Comment on why this perception might (or might not) be valid.

(4 marks)

Continued.....

Question No. 5

a. Discuss why MMU developed its own software, while at the same time purchase others. What are the trade-offs between this make or buy decisions?

(4 marks)

b. Describe why the methodology for purchasing a small system could differ from purchasing a large system.

(3 marks)

Continued.....

c. What are the business manager roles of project sponsor and project champion, and why are they important?

(3 marks)

Question No. 6

a. What circumstances might lead an entire organization (or business unit) with a federal IT governance design to change to a centralized IT governance design?

(3 marks)

Continued.....

b. Describe how a company policy could minimize a specific business risk associated with user computing.

(3 marks)

c. What do we mean by "intellectual property"? What are the differences between intellectual property and real property? Should someone be able to own intellectual property? Why or why not?

(4 marks)

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